

BCO-0131

BCO Team

1. Objective

Normal operation at the BCO with 4 hourly Radiosonde launching

2. Weather Overview

Calm easterly winds, low amount of clouds, low rain

Field	Quantity	Notes
Temperature	Min: 25 Mean: 26.7 Max: 27.6	WeatherSensor WXT530
Rel. Humidity	Min: 67.2 Mean: 74.8 Max: 84	WeatherSensor WXT530
Windspeed 2m	Min: 0.73 Mean: 4.8 Max: 8.65	WeatherSensor WXT530
Winddirection	EAST	WeatherSensor WXT530
RainSum	0.51	

3. Instrument Status

BCO: Instruments were running, 6 radiosondes ascents with descents on parachutes recorded

EUREC4A-ISO: running

MPI-C Ragged Point: running

EUREC4A-UK Ragged Point: all aerosol instruments operational.

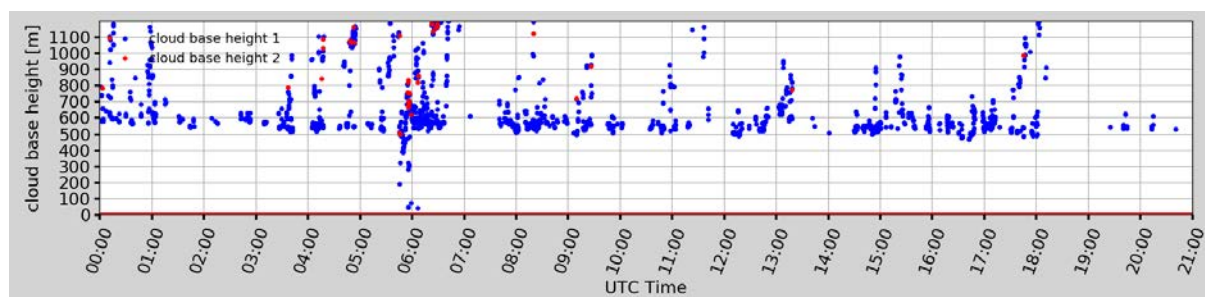
PoldiRad: waiting for BL&P to power up the site, generator power arrived

WetDepositionSampler TU Darmstadt: running

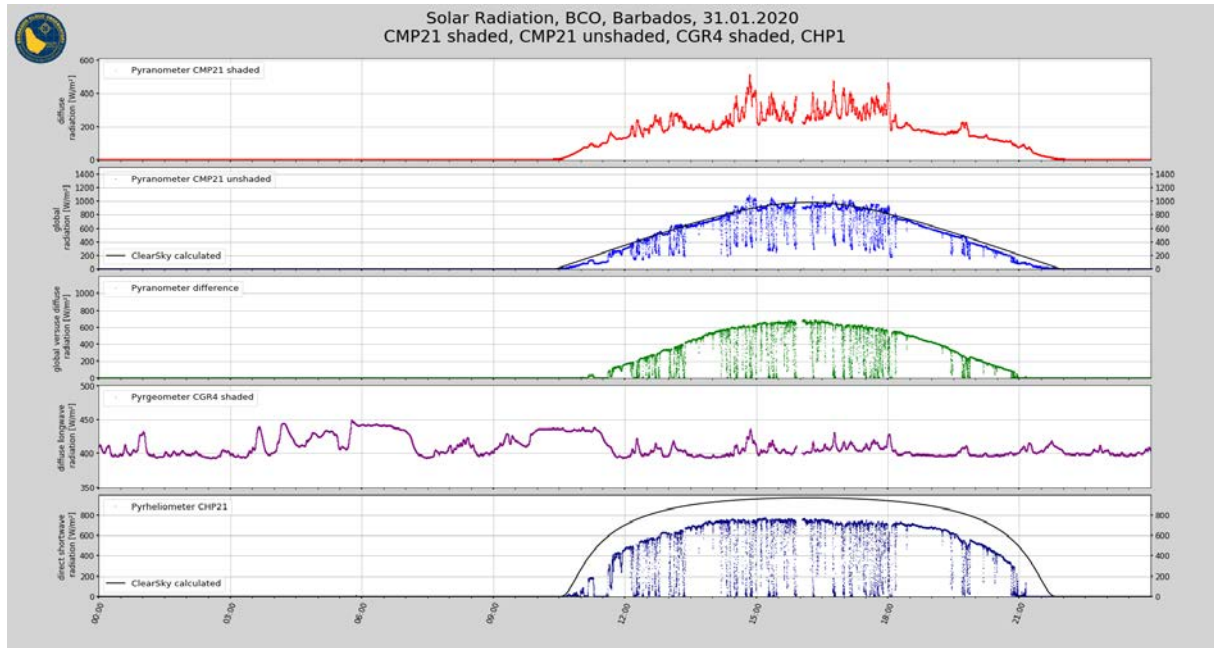
4. Outlook

As normal operation as possible...

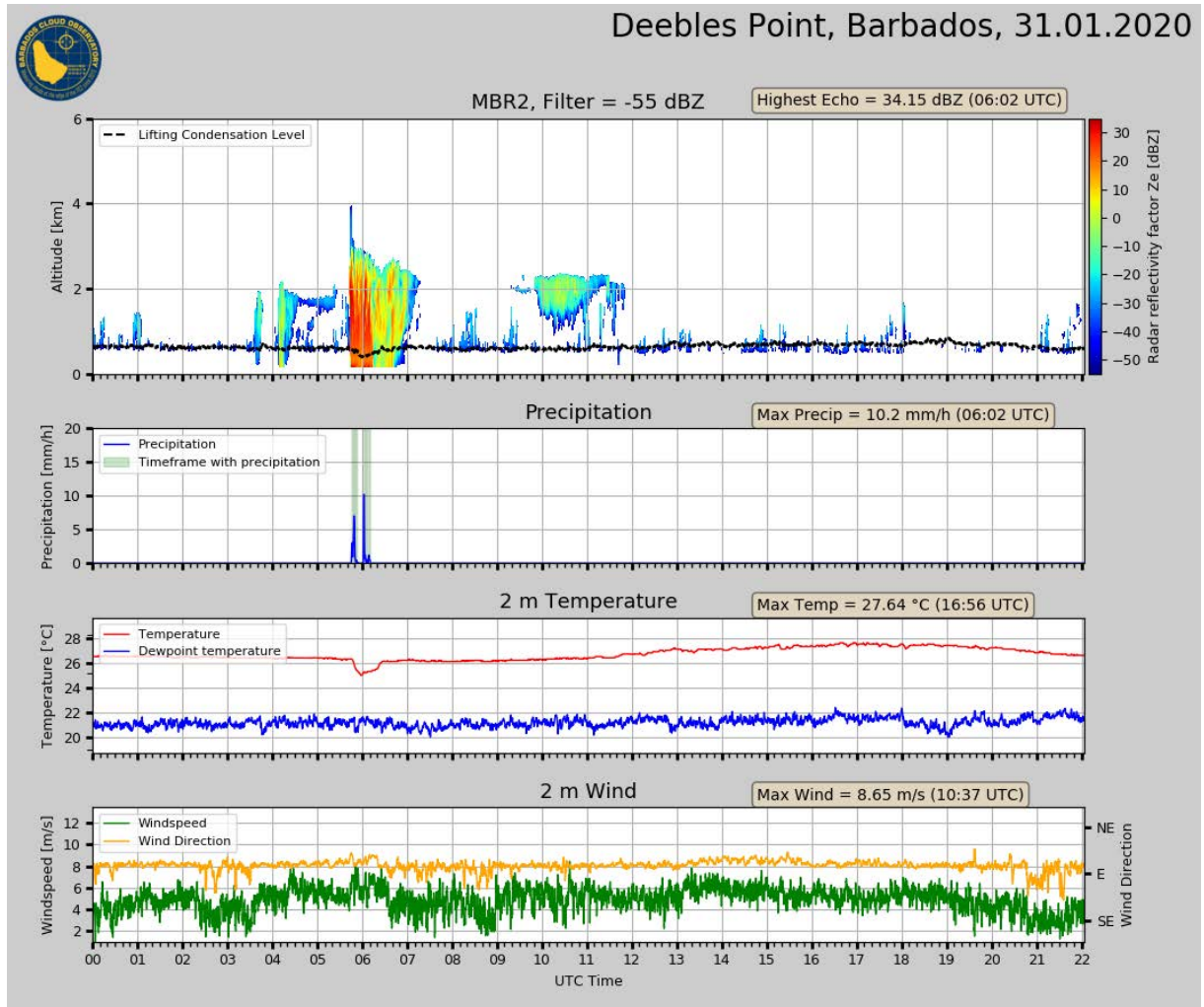
5. Figures



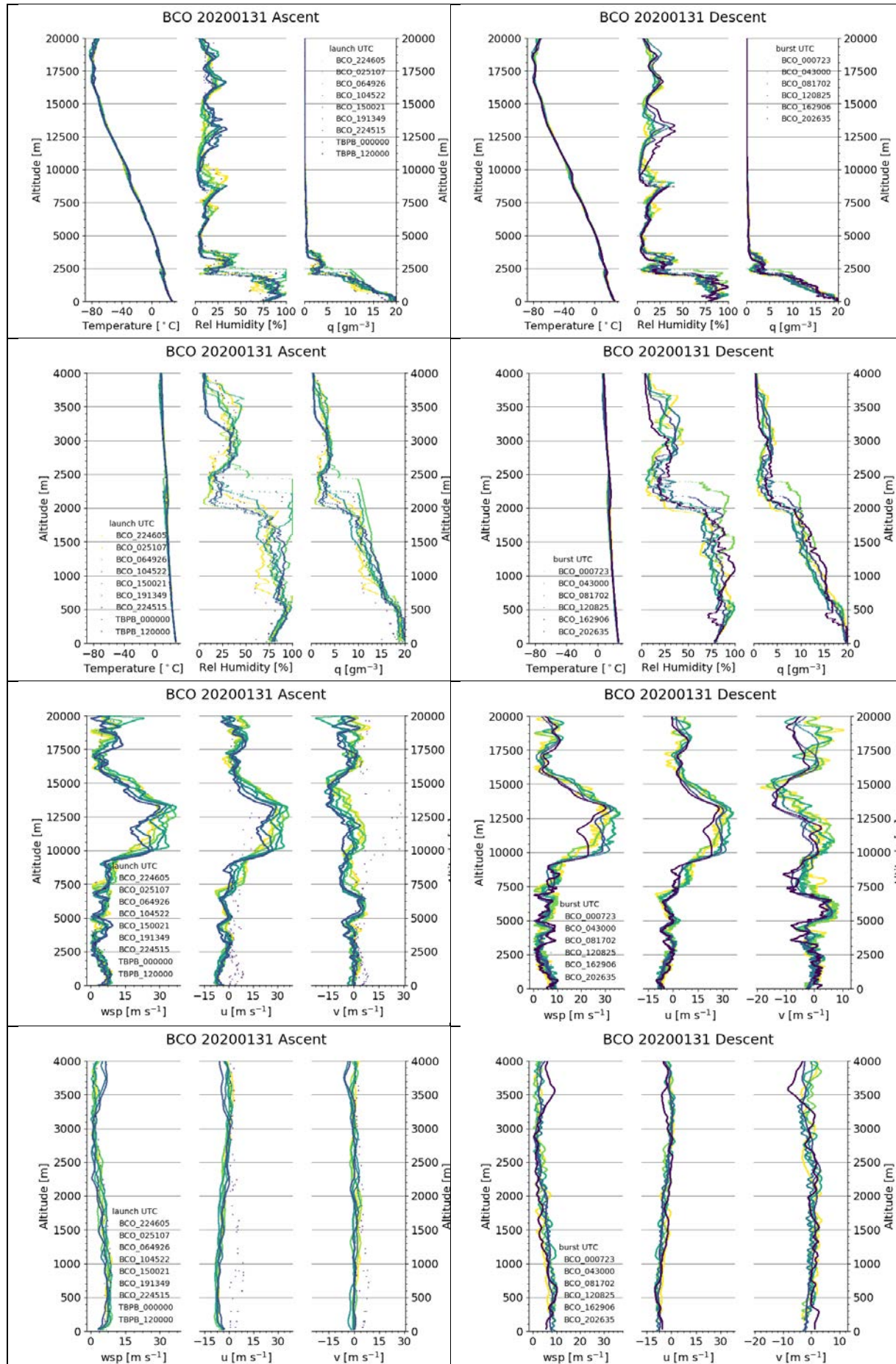
Radiation:



Ka-Band-Radar/Weathersensor

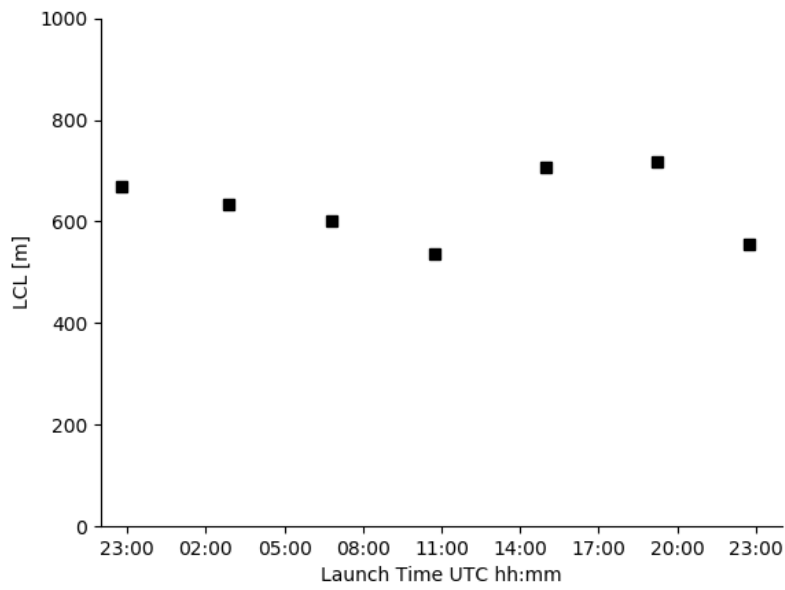


Radiosondes:

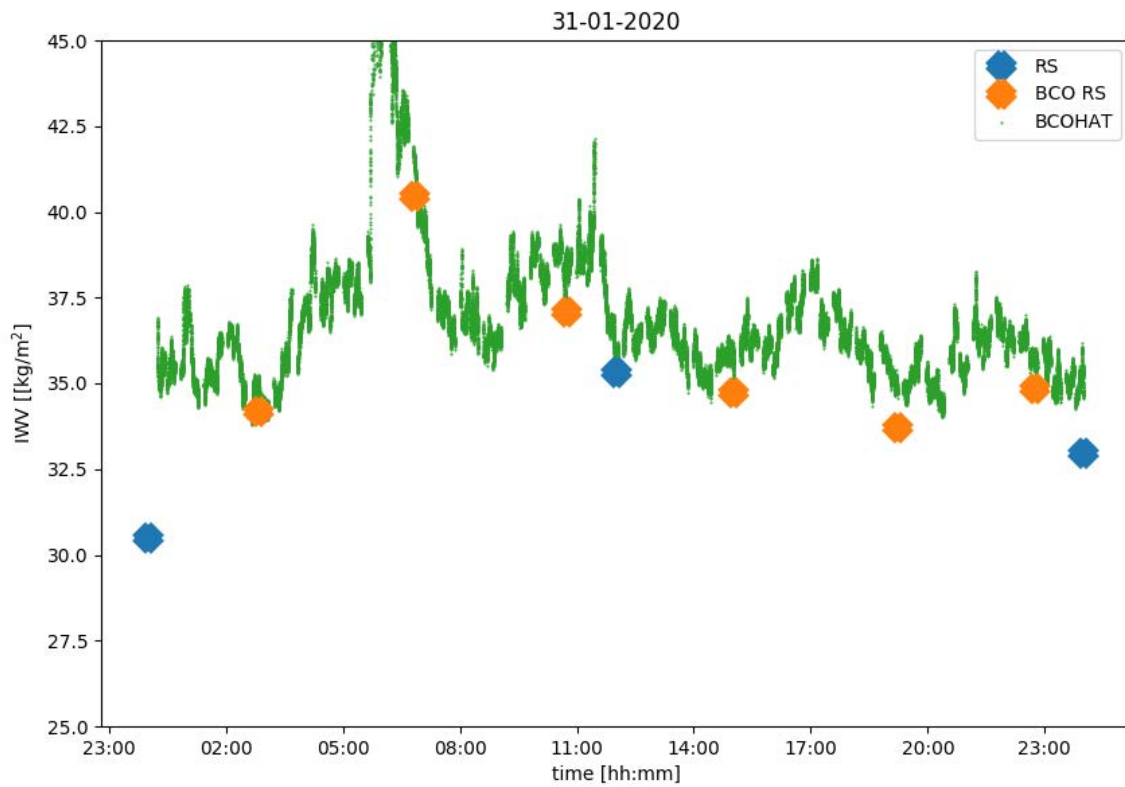


LCL derived from Radiosondes:

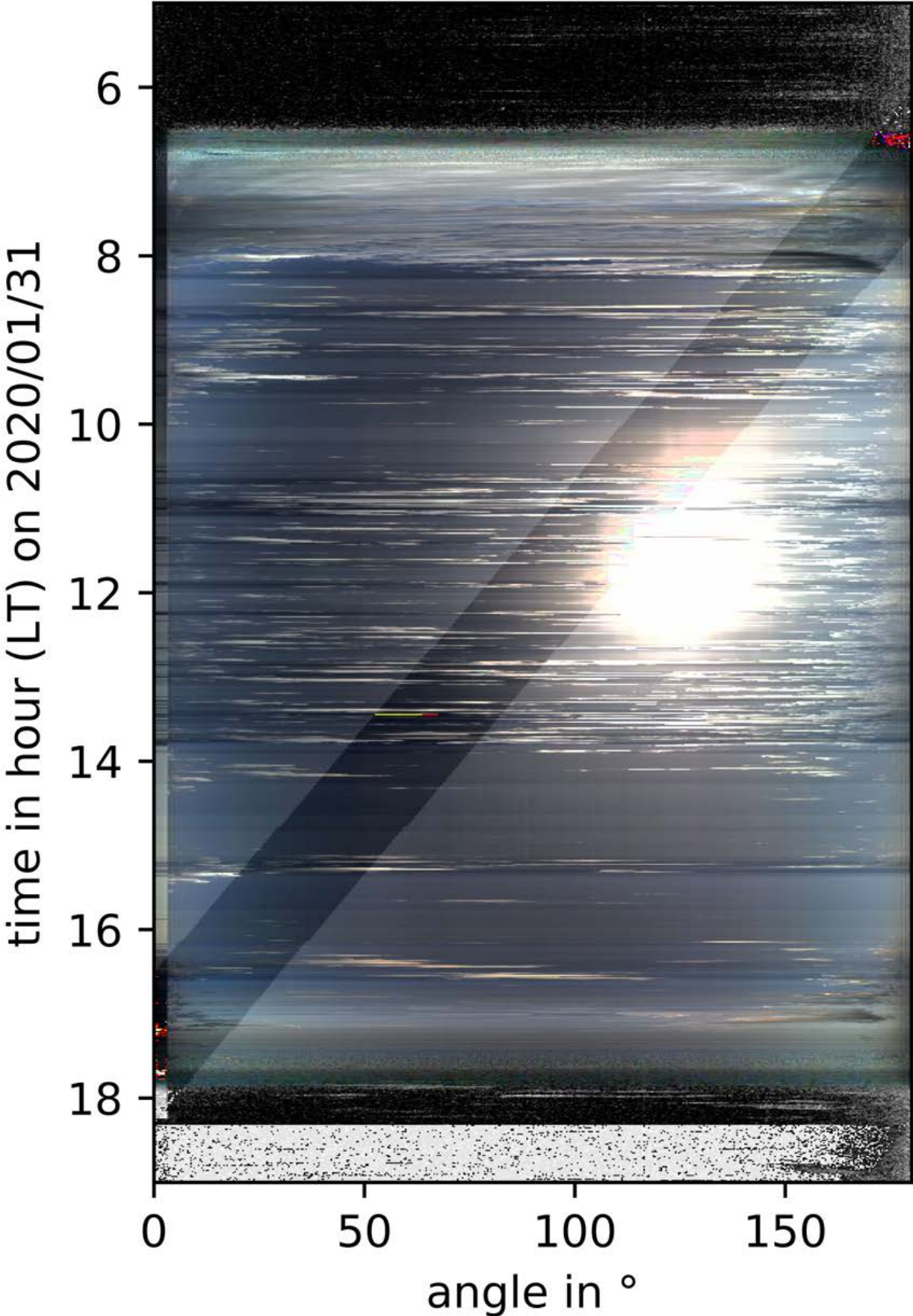
BCO 20200131 Ascent



IWV Intercomparison:



TSI Daily plot 20200131



Sounding view for the early bird:

If you want to see such a nice sunrise we can arrange the 10:45 Radiosonde-Launch for you...

